Abstract of the Disclosure

5   Methods, functional data, and systems are provided for image feature translation. An image is decomposed into sub images, each sub image having its features identified by feature attributes. The feature attributes are used to identify a particular feature within each sub image. The orientation of the particular feature within the sub image is then mapped or calculated to a value. One or more of the

10   mapped or calculated values are translated into a reading associated with an instrument. The reading is then optionally recorded or transmitted.